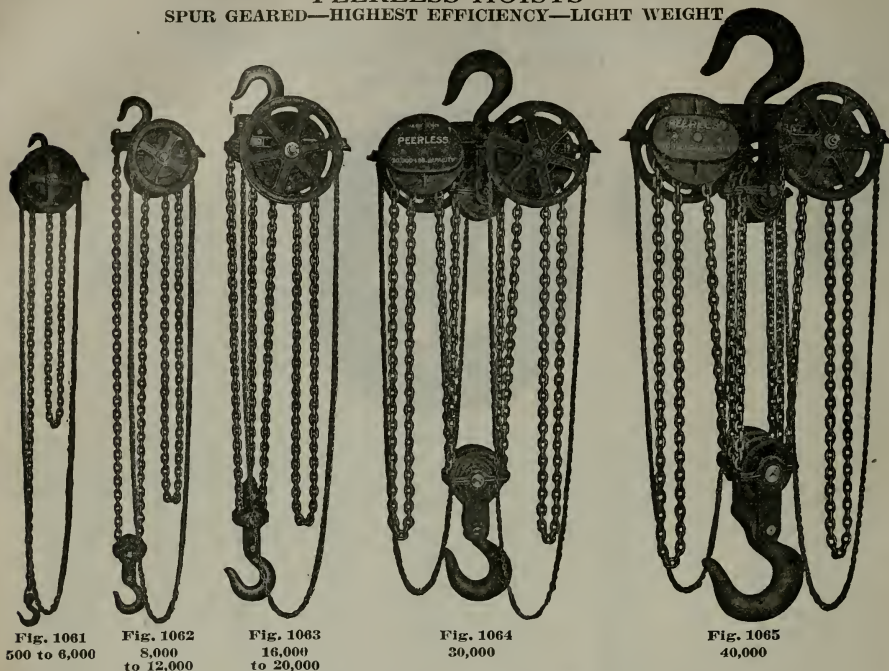


PEERLESS HOISTS

SPUR GEARED—HIGHEST EFFICIENCY—LIGHT WEIGHT



Showing Different Arrangements of Chains on Various Sizes of Peerless Hoists

THE PEERLESS HOIST

IMPROVED 1913

Although the Peerless Hoist has given unequaled satisfaction in the past, several improvements have recently been added to further increase the strength and durability. The scientific design and high quality of manufacture give this hoist an efficiency of eighty per cent. All hoists undergo a proof test fifty per cent beyond the rated load.

The trunnions on the top hook now engage in two drop forged hangers, held in recesses in the side frames and the load sheave is cast steel and runs in removable bushings pressed in the lower ends of the steel hangers. The load chain is made of the best material obtainable and is heat treated to increase the ductility.

The cast iron cover over the gears is now replaced by a pressed steel dust cover, the outer end of the intermediate gear studs and pinion shaft being held by a supporting yoke.

The hand wheel is made with a pressed steel center for greater protection against accidental breakage and the hand chain guards have a steel flange to guide the chain smoothly at all times.

These improved parts can all be applied to the previous model but a new style frame and steel hanger must replace the old frame. Also a steel cover and supporting yoke replace the old cast iron cover.

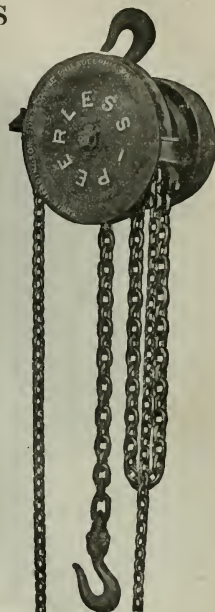
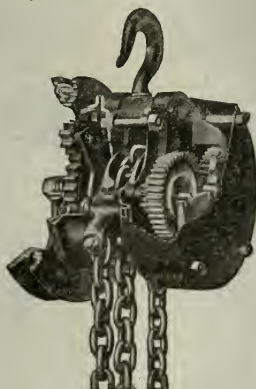
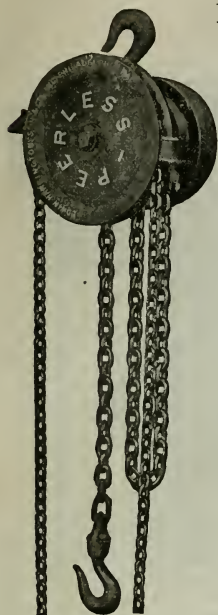
In operating the Peerless Hoist a pull exerted on the hand chain to raise the load is transmitted, with almost no loss by friction, through a simple balanced train of spur gears to the load wheel. The sustaining mechanism is a special patented friction brake which revolves as one piece with the pinion shaft when lifting, without waste of energy and without noise; but when hoisting ceases, it is automatically and positively locked to hold the load until again moved by the operator. The parts of this friction brake require no adjustment and only the slightest pull is required to lower the load.

All gears are accurately cut from solid steel blanks and are bushed with bronze. The teeth on the central pinion are unusually strong, and are heat treated to prevent wear. A single strand of load chain on the six thousand pound block and the compact arrangement and close head room of larger sizes are appreciated by all users.

See following pages for sizes and prices

PEERLESS CHAIN HOISTS

SPUR GEARED



PRICES AND DATA ON PEERLESS HOISTS

	Capacity in pounds	Regu- lar Lift, in feet	Price of Hoist, Regular Lift	Price of Extra Lift, per foot	Distance between Hooks		Weight of Hoist in lbs.	Pull on hand chain to lift full load, in lbs.	Feet of chain handed to lift load one foot	Number of Strands of load chain
					Short- est inches	Reach (Reg. Lift) ft. in.				
REGULAR STYLE	500	8	\$ 30.00	\$0.85	13	9 1	48	50	14.0	1
	1,000	8	35.00	.90	14	9 2	62	64	20.3	1
	2,000	8	45.00	.95	16	9 4	84	81	31.5	1
	3,000	8	60.00	1.00	19	9 7	115	114	34.5	1
	4,000	9	70.00	1.05	22 ¼	10 10 ¼	157	124	40.5	1
	6,000	10	90.00	1.25	24	12 0	236	130	59.0	1
	8,000	10	110.00	1.60	29	12 5	230	128	81.0	2
	10,000	12	140.00	2.00	32	14 8	352	112	118.0	2
	12,000	12	165.00	2.00	34 ½	14 10 ½	359	134	118.0	2
	16,000	12	200.00	2.75	39 ¾	15 3 ¾	460	125	177.0	3
	20,000	12	240.00	3.20	42	15 6	533	181	154.5	3
	30,000	12	340.00	4.60	55 ¼	16 7 ¼	995	208†	103.0†	4
	40,000	12	425.00	6.40	62 ¼	17 2 ¼	1,260	186†	154.5†	6
QUICK SPEED	500	8	30.00	.85	13	9 1	48	47.6*	7.5	1
	1,000	8	35.00	.90	14	9 2	62	65.9*	10.0	1
	2,000	8	45.00	.95	16	9 4	48	85.9*	16.8	1

*Pull is given to raise only one-half the rated load on Quick Speed Hoists.

†On each of two hand chains.

For parts, see index

COMBINED TRAVELERS

WITH PEERLESS HOISTS

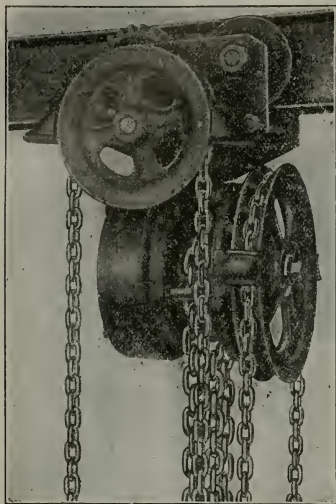


Fig. 1101. I-Beam

COMBINED I-BEAM TRAVELERS

With either Plain or Geared Travelers the Hoists in combination save head room and hold the hoist in the same relative position to the traveler so that the operator does not get his chains confused. This arrangement is most desirable on the beams of traveling and jib cranes and on overhead tracks where it is not necessary to detach the hoist for use in other places.

COMBINED I-BEAM TRAVELERS

Capacity in lbs.	Standard Size of I-Beam in inches	Regular Lift in feet	Shortest Distance Beam to Hook in inches*	Price, Plain	Price, Geared	Price Extra Lift per foot, Plain	Price Extra Lift per foot, Geared
1,000	5	8	15 3/4	\$49.00	\$61.00	\$0.90	\$1.40
2,000	6	8	17 1/4	61.00	73.00	.95	1.45
3,000	7	8	20	79.00	91.00	1.00	1.50
4,000	8	9	23	92.00	105.00	1.05	1.55
6,000	10	10	25 1/4	117.00	132.00	1.25	1.75
8,000	12	12	28 3/4	143.00	162.00	1.40	2.00
10,000	13	12	34 1/4	183.00	205.00	2.00	2.50
12,000	15	12	36 1/4	220.00	245.00	2.20	2.70
16,000	20	12	41 1/2	270.00	295.00	2.75	3.25
20,000	24	12	43	325.00	355.00	3.20	3.70
30,000	24	12	58	440.00	490.00	4.60	5.10
40,000	24	12	59 3/4	540.00	615.00	6.40	6.90

*From under side of I-Beam to inside of hook.

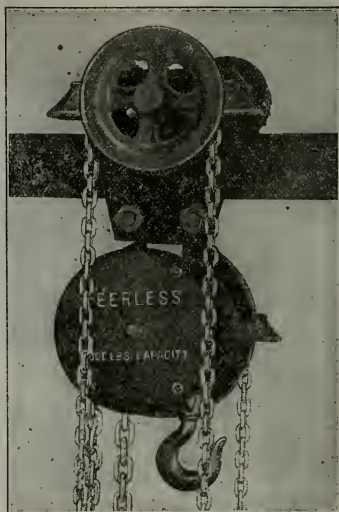


Fig. 1102. Flat Rail

COMBINED FLAT RAIL TRAVELERS

With travelers on flat bar overhead track, where belts and pipe lines do not permit the use of short hangers it is very desirable to have a hoist with short head room. The permanent combination of hoists and flat rail travelers brings the hoist as near as possible to the rail.

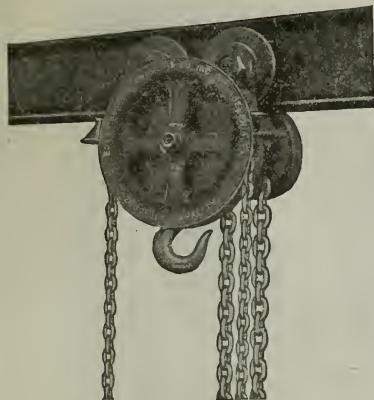
Because of the ease of erecting and bending for curves, the flat bar track, with combined hoists and travelers, is the most satisfactory system for shops and warehouses.

COMBINED FLAT RAIL TRAVELERS

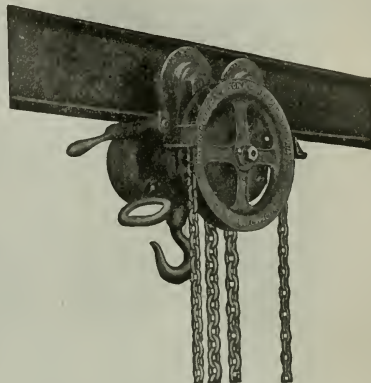
Capacity in lbs.	Standard Size of Rail in inches	Regular Lift in feet	Shortest Distance Beam to Hook in inches*	Price, Plain	Price, Geared	Price Extra Lift per foot, Plain	Price Extra Lift per foot, Geared
500	3x1/2	8	17	\$41.00	\$52.00	\$0.85	\$1.35
1,000	3x1/2	8	17 1/4	46.00	57.00	.90	1.40
2,000	4x3/4	8	20 1/4	59.00	71.00	.95	1.45
3,000	4x3/4	8	23	74.00	86.00	1.00	1.50
4,000	4x3/4	9	26 1/4	87.00	100.00	1.05	1.55
6,000	6x1	12	29 1/2	111.00	125.00	1.25	1.75
8,000	6x1	10	34	131.00	145.00	1.60	2.10

*From top of rail to inside of hook.

PEERLESS TROLLEY HOISTS



Army Type



Navy Type

For use in cramped locations, to overcome the comparatively greater head room of regular hoists and travelers, the Peerless Trolley Hoist was built, in which the regular internal mechanism of the hoist and the trolley wheels are carried by the same side frames. This construction is so compact that the distance between the hook and beam is even less than between the hooks on the regular hoist. The gears are protected from dirt by a tight cover, but its removal does not interfere with the operation of the hoist. Trolley wheels are fitted with roller bearings and are made regularly of a large diameter requiring that the I-beam be supported by countersunk bolts. Small wheels can be furnished to pass regular bolt heads but at a small sacrifice of head room.

These trolley hoists are built in two styles, the Army and Navy types, the latter having a drag handle and clamp for binding it to the beam. They are used largely by the War Department for handling ammunition, both on shore and shipboard, and also by others where close head room is important.

ARMY TYPE

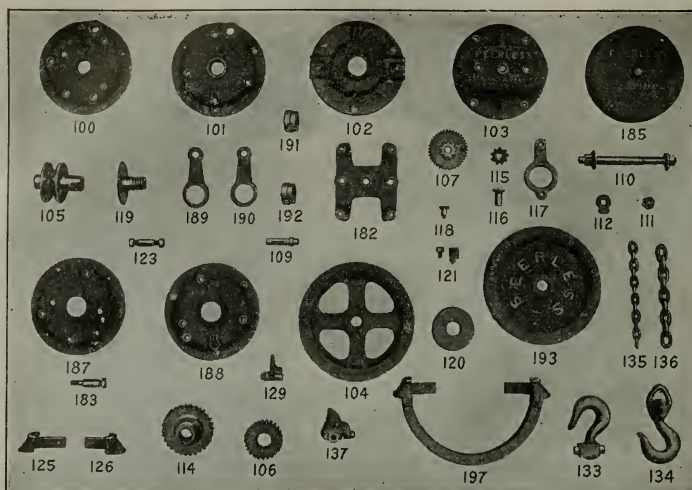
Capacity in lbs.	Regular Lift in feet	Price of Hoist Reg. Lift	Price of Extra Lift per foot	Size of I-Beam in inches	I-Beam Wt. per foot in lbs.	Min. Dist. bet. Hook and I-Beam	Extreme Width of Hoist in in.	Weight of Hoist in lbs.
500	8	\$ 45.00	\$0.85	5	9 ³ / ₄	7 ¹ / ₄	8 ³ / ₄	75
1,000	8	50.00	.90	5	9 ³ / ₄	7 ¹ / ₂	8 ³ / ₄	78
2,000	8	65.00	.95	6	12 ¹ / ₄	9 ¹ / ₂	9 ³ / ₄	123
3,000	8	85.00	1.00	7	15	12	11 ¹ / ₂	163
4,000	9	100.00	1.05	8	18	14	12 ³ / ₄	220

NAVY TYPE

Capacity in lbs.	Regular Lift in feet	Price of Hoist Reg. Lift	Price of Extra Lift per foot	Size of I-Beam in inches	I-Beam Wt. per foot in lbs.	Min. Dist. bet. Hook and I-Beam	Extreme Width of Hoist in in.	Weight of Hoist in lbs.
500	8	\$ 55.00	\$0.85	5	9 ³ / ₄	7 ¹ / ₄	8 ³ / ₄	80
1,000	8	60.00	.90	5	9 ³ / ₄	7 ¹ / ₂	8 ³ / ₄	81
2,000	8	75.00	.95	6	12 ¹ / ₄	9 ¹ / ₂	9 ³ / ₄	125
3,000	8	95.00	1.00	7	15	12	11 ¹ / ₂	166
4,000	9	110.00	1.05	8	18	14	12 ³ / ₄	227

PARTS OF PEERLESS HOISTS

500 TO 6,000 POUNDS



List No.	Name	500	1,000	2,000	3,000	4,000	6,000	8,000	10,000 to 40,000
100	Back Frame	\$1.50	\$1.50	\$2.00	\$3.00	\$4.00	\$5.60	\$4.00	\$5.60
101	Front Frame	1.50	1.50	2.00	3.00	4.00	5.60	4.00	5.60
102	Front Cover	1.20	1.20	1.70	2.40	3.20	4.40	3.20	4.40
103	Back Cover	1.00	1.20	1.70	2.40	3.20	4.40	3.20	4.40
104	Hand Wheel*	1.60	1.60	2.30	3.00	3.60	5.30	3.60	5.30
105	Load Wheel* .....	.90	1.20	1.90	2.40	2.80	3.80	2.80	3.80
106	Main Gear*	1.60	1.60	2.10	3.60	4.10	5.00	4.10	5.00
107	Intermediate Gear, each† .....	.60	.80	1.00	1.40	1.60	1.80	1.60	1.80
108	Intermediate Pinion, each* .....	.40	.40	.50	.70	.80	.90	.80	.90
109	Intermediate Pinion Stud, each* .....	.40	.40	.50	.70	.80	1.00	.80	1.00
110	Driving Pinion and Shaft, complete*†	2.00	2.70	3.40	4.30	5.10	6.00	5.10	6.00
112	Check Washer* .....	.30	.30	.40	.50	.60	.70	.60	.70
114	Ratchet Disc*	1.00	1.00	1.40	1.50	1.70	2.00	1.70	2.00
115	Ratchet Pinion* .....	.40	.40	.40	.40	.40	.40	.40	.40
116	Ratchet Pinion Stud* .....	.30	.30	.30	.30	.30	.30	.30	.30
117	Ratchet Pinion Carrier Arm* .....	.50	.50	.50	.50	.60	.70	.60	.70
118	Ratchet Pinion Carrier Stud* .....	.30	.30	.30	.30	.30	.30	.30	.30
119	Friction Disc*	1.20	1.20	2.00	2.80	3.80	4.50	3.80	4.50
120	Leather Washer .....	.40	.40	.60	.70	.80	.90	.80	.90
121	Friction Lock and Bolt* .....	.50	.50	.50	.50	.50	.50	.50	.50
122	Connecting Stud and Nuts* .....	.40	.40	.50	.70	.80	.90	1.80	.90
125-6	Hand Chain, complete* .....	.80	.80	.90	1.30	1.50	1.70	1.50	1.70
127	Load Chain Guide .....	.50	.50	.60	.80	.90	1.00	.90	1.00
129	Stripper* .....	.30	.30	.40	.60	.80	.90	.80	.90
131	Hook only* .....	.80	1.00	1.30	1.70	2.00	2.60	.....	.....
133	Top Hook and Swivel	1.70	2.00	2.60	3.50	4.10	5.20	.....	.....
134	Bottom Hook and Swivel*	1.70	2.00	2.60	3.50	4.10	5.20	.....	.....
135	Hand Chain, per ft.* .....	.25	.25	.25	.25	.25	.25	.....	.....
136	Hand Chain, complete*	4.25	4.25	4.25	4.50	5.00	5.50	.....	.....
137	Load Chain, per ft.* .....	.35	.40	.45	.50	.55	.75	.....	.....
138	Load Chain, com. with Hook, reg. lift*	4.35	5.60	6.65	8.17	9.88	13.83	.....	.....
187	Back Frame	1.30	1.30	1.70	2.60	3.50	4.80	.....	.....
188	Front Frame	1.30	1.30	1.70	2.60	3.50	4.80	.....	.....
189	Back Hanger .....	.50	.50	.70	.90	1.10	1.50	.....	.....
190	Front Hanger .....	.50	.50	.70	.90	1.10	1.50	.....	.....
191	Back Hanger Bushing .....	.30	.30	.40	.50	.60	.80	.....	.....
192	Front Hanger Bushing .....	.30	.40	.50	.60	.80	.90	.....	.....
193	Hand Wheel Steel Plate	1.60	1.60	2.30	3.00	3.60	5.30	.....	.....
197	Loop Chain Guard	1.60	1.60	1.80	2.60	3.00	3.40	.....	.....

†Parts 107 and 110 must be so specified when wanted for "quick speed" hoists.

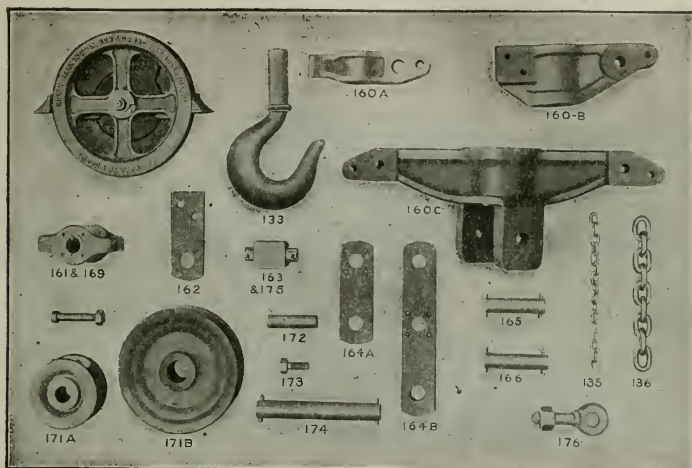
*Also used in Army and Navy Type.

NOTE.—In Ordering Parts Always Give Number and Capacity of Hoist.

For Parts 4 to 40 Tons, See Next Page.

PARTS OF PEERLESS HOISTS

8,000 to 40,000 POUNDS



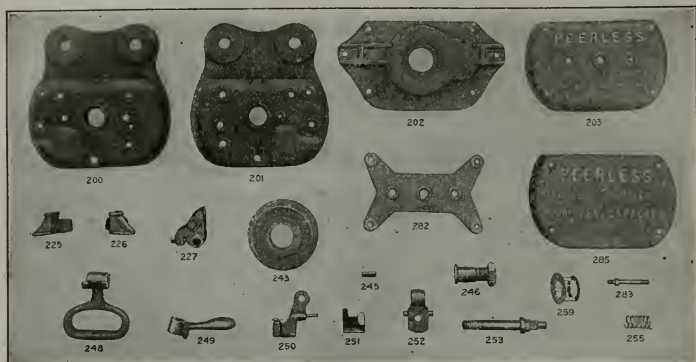
PRICES OF 8,000 TO 40,000 PEERLESS PARTS

List No.	Name	8,000	10,000	12,000	16,000	20,000	30,000	40,000
	Main Block	\$51.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00
	Top Yoke, complete	19.50	29.50	35.50	62.50	73.50	92.20	126.20
133	Top Hook	8.50	10.50	16.50	19.00	27.00	32.00	50.00
160-A	Top Yoke	9.00	17.00	17.00	.....	.....	.....	.....
160-B	Top Yoke .....	.....	.....	.....	26.00	26.00	.....	.....
160-C	Top Yoke .....	.....	.....	.....	.....	.....	35.00	42.00
162	Side Plates, each .....	.....	.....	.....	2.50	3.00	4.00	5.00
166	Top Pin and Cotter .....	.....	.....	.....	2.50	3.00	3.50	4.00
169	Guard Yoke .....	.....	.....	.....	3.50	4.00	4.50	5.00
170	Side Plate Bolt .....	.....	.....	.....	.50	.50	.....	.....
171-A	Top Sheave .....	.....	.....	.....	4.50	5.50	.....	.....
171-B	Top Sheave .....	.....	.....	.....	.....	.....	6.00	6.00
172	Top Yoke Pin	1.00	1.00	1.00	1.00	1.00	1.00	1.00
173	Side Plate Cap Screws .....	.....	.....	.....	.....	.....	.10	.10
174	Side Plate Pin .....	.....	.....	.....	.....	.....	1.00	1.00
176	Eye Bolt and Nut	1.00	1.00	1.00	.....	.....	.....	.....
	Bottom Block, complete	23.00	29.00	35.00	45.50	62.00	73.50	109.50
133	Bottom Hook	8.50	10.50	16.50	19.00	27.00	32.00	50.00
135	Hand Chain, per ft. ....	.25	.25	.25	.25	.25	.25	.25
136	Load Chain, per ft. ....	.55	.75	.75	.75	.90	.90	.90
161	Bottom Guard Yoke	2.50	3.50	3.50	3.50	4.00	5.00	5.50
163	Bottom Swivel	2.50	3.00	3.00	4.00	8.00	12.00	20.00
133 }	Bottom Hook and Swivel ..	11.00	13.50	19.50	23.50	35.00	44.00	70.00
163 }	Bottom Hook and Swivel ..	11.00	13.50	19.50	23.50	35.00	44.00	70.00
164-A	Side Plates, each	2.00	2.50	2.50	.....	.....	5.00	6.00
164-B	Side Plates, each .....	.....	.....	.....	4.00	4.50	.....	.....
165	Bottom Sheave Pin	2.00	2.50	2.50	2.50	3.00	3.50	4.00
171-A	Bottom Sheave	3.50	4.50	4.50	4.50	5.50	.....	.....
171-B	Bottom Sheave .....	.....	.....	.....	.....	.....	6.00	6.00
175	Cross Bar .....	.....	.....	.....	3.00	4.50	.....	.....
176	Eye Bolt and Nut .....	.....	.....	.....	1.00	1.00	.....	.....
	Hand Chain, each, complete ..	.....	.....	.....	.....	.....	.....	.....
	Regular Lift	5.50	6.50	6.50	6.75	6.75	8.25	8.25
	Load Chain, complete, Regular Lift	12.65	20.25	20.25	30.38	36.45	54.00	82.80

NOTE:—In ordering Parts always give Number and capacity of Hoist.

PARTS OF PEERLESS TROLLEY HOISTS

ARMY AND NAVY



List No.	Name	500	1,000	2,000	3,000	4,000
200	Back Frame	\$3.00	\$3.00	\$5.70	\$7.50	\$9.00
201	Front Frame	3.00	3.00	5.70	7.50	9.00
202	Front Cover	1.20	1.20	1.70	2.40	3.20
203	Back Cover	* 1.00	1.20	1.70	2.40	3.20
225 }	Hand Chain Guide, pair.....	.80	.80	.90	1.30	1.50
226 }						
227	Load Chain Guide.....	.50	.50	.60	.80	.90
243	Trolley Wheel, large Diameter, each...†	2.00	2.00	2.50	3.50	4.50
245	Anti-Friction Rollers, each set.....	.30	.30	.30	.40	.40
246	Trolley Wheel Stud and Nut, each....	1.20	1.20	1.20	1.50	1.50
259	Roller Cages, each.....	.50	.50	.50	.70	.70
248	Grip Handle	1.10	1.10	1.20	1.30	1.40
249	Lock Handle	1.00	1.00	1.00	1.00	1.00
250 }	Right and Left Hand Lock, pair.....	3.50	3.50	3.60	3.80	4.00
251 }						
252	Lock Support	2.00	2.00	2.10	2.20	2.30
253	Lock Stud and Nut.....	2.00	2.00	2.10	2.20	2.30
255	Lock Spring .....	.30	.30	.30	.30	.30
260	Trolley Wheel, small Diameter, each...†	2.00	2.00	2.50	3.50	4.50
282	Gear Spider	* .50	.50	.60	.80	1.50
283	Gear Spider Stud, each.....	* .10	.10	.10	.10	.15
285	Gear Cover	* .70	.80	.90	1.30	2.40

*New style cover and spider interchange with old style back cover.

†Large diameter wheels (piece 243) are used where track is riveted to support; small diameter (piece 260) when clearance for bolt heads is required.

HARRINGTON SCREW CHAIN HOISTS

Hand operated Chain Hoists, because of the ease of operation and general utility, are extensively used in all the large industrial plants throughout the country. Even in places where power is easily available, they are preferred to power hoists.

No matter what the class of hoisting may be, the most reliable and cheapest method is to use Chain Hoists. Harrington Hoists are made by skilled workmen from the highest grade material and are designed for long life and to give the best service to all users.

As all parts are made complete by jigs and gauges and inspected before going to the assembling room, repairs are sure to interchange with old parts. The load chains are all made by hand labor from specially selected iron, undergo several rigid inspections, and each link is carefully tested.

The hoists are made in three styles:

The Peerless—For fast speed and high efficiency. Shown on preceding pages.

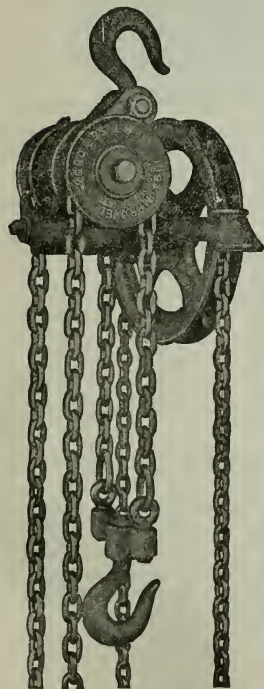
The Screw—For simplicity and rough usage.

The Differential—For occasional use not demanding high efficiency.

HARRINGTON IMPROVED SCREW HOISTS

1894 Patent

While not so fast as the Peerless, it is a powerful and compact block. It is built to withstand the wear and tear of hard usage. The worm gear is made of bronze with square hubs; it is driven by a steel worm. The load wheels have square holes fitted to a square hub on the worm gear, and are reversible so that when one side is worn the wheels can be taken off and reversed. Load is carried on two distinct chains. A thrust screw and bronze washer are placed at the end of the worm, to obtain fast or slow speed in lowering.



500 to 12,000

Capacity in lbs.	Regular Lift in feet.	Price of Hoist, Regular Lift	Price of Extra Lift, per foot	Minimum Distance between Hooks in in.	Weight of Hoist, in lbs.	Full on Hand Chain to Lift Full Load	Feet of Chain Handled to Lift Load 1 ft.	Number of Strands of Load Chain
500	8	\$22.50	\$1.10	14½	41	20	64.0	2
1,000	8	25.00	1.20	17	68	49	60.5	2
2,000	8	30.00	1.30	18	75	71	76.0	2
3,000	8	40.00	1.40	19	106	99	88.5	2
4,000	9	50.00	1.44	22	160	129	93.5	2
6,000	10	75.00	1.50	30	247	163	96.0	2
8,000	10	95.00	1.70	32	325	190	128.0	2
10,000	12	140.00	2.20	39	483	293	103.0	2
12,000	12	180.00	2.50	39½	555	293	110.0	2
16,000	12	210.00	2.90	41	735	403	148.0	2
20,000	12	275.00	2.90	47	785	358	198.0	2
30,000	12	340.00	5.10	51¾	1,179	424	296.0	4

We can furnish to hoist any desired length.
For prices of parts, see following pages.



16,000 and 30,000

COMBINED TRAVELERS WITH HARRINGTON SCREW HOISTS

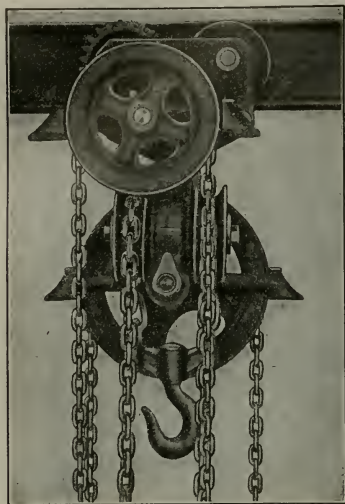


Fig. 1051. I-Beam Traveler

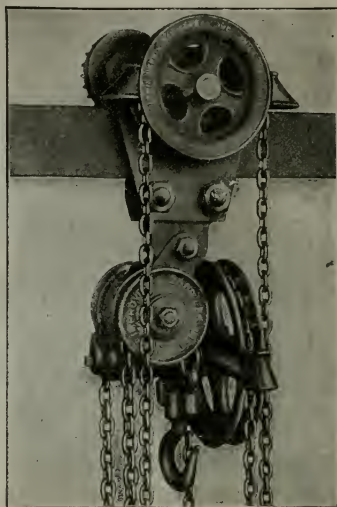


Fig. 1052. Flat Rail Traveler

Where head room is limited, also where hoists are not taken down, this type is desirable.

I-BEAM TRAVELERS

Capacity in lbs.	Standard Size of I-Beam in inches	Regular Lift in feet	Shortest Distance Beam to Hook* in inches	Price Plain	Price Geared	Price Extra Lift per foot Plain	Price Extra Lift per foot Geared
1,000	5	8	15 1/2	\$39.00	\$51.00	\$1.20	\$1.70
2,000	6	8	16	46.00	58.00	1.30	1.80
3,000	7	8	18 3/4	59.00	71.00	1.40	1.90
4,000	8	9	20	72.00	85.00	1.44	1.94
6,000	9	10	29 3/8	102.00	117.00	1.50	2.00
8,000	10	10	29 5/8	128.00	147.00	1.70	2.20
10,000	12	12	34 1/2	183.00	205.00	2.00	2.50
12,000	15	12	32 3/8	235.00	260.00	2.50	3.00
16,000	20	12	38	280.00	305.00	2.90	3.40
20,000	24	12	41 3/4	360.00	390.00	2.90	3.40

*From under side of I-Beam to inside of hook.

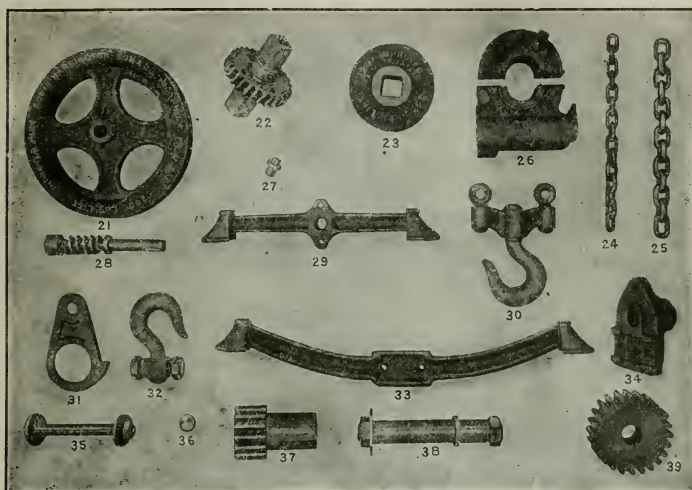
FLAT RAIL TRAVELERS

Capacity in lbs.	Standard Size of I-Beam in inches	Regular Lift in feet	SCREW				
			Shortest Distance Beam to Hook* in inches	Price Plain	Price Geared	Price Extra Lift per foot Plain	Price Extra Lift per foot Geared
500	3x 1/2	8	17 1/2	\$33.50	\$44.50	\$1.10	\$1.60
1,000	3x 1/2	8	19 1/4	36.00	47.00	1.20	1.70
2,000	4x 3/4	8	21 3/4	44.00	56.00	1.30	1.80
3,000	4x 3/4	8	23	54.00	66.00	1.40	1.90
4,000	4x 3/4	9	25 3/8	67.00	80.00	1.44	1.94
6,000	6x1	10	36 3/8	96.00	110.00	1.50	2.00
8,000	6x1	10	36 5/8	116.00	130.00	1.70	2.20

*From top of rail to inside of hook.

PARTS OF HARRINGTON IMPROVED SCREW HOISTS

1894 PATENT
500 to 6,000 Lbs. Capacity



REVISED LIST TO TAKE EFFECT JULY 1, 1909

Prices of Parts of Improved Screw Hoists, Model of 1894
500 to 6,000 Lbs. Capacity

List No.	Name	500	1,000	2,000	3,000	4,000	6,000
21	Hand Wheel	\$1.00	\$1.50	\$1.50	\$2.50	\$2.80	\$5.00
22	Worm Gear and Hub.....	3.00	3.20	4.00	5.00	6.00	7.00
23	Load Wheels (2).....	1.60	1.80	2.00	3.00	3.50	6.00
24	Hand Chain, per ft.....	.25	.25	.25	.25	.25	.25
25	Load Chain, per ft.....	.30	.35	.40	.45	.47	.50
26	Case and Cap.....	1.50	2.00	2.50	4.00	5.50	9.50
27	Thrust Screw .....	.30	.40	.40	.50	.60	1.50
28	Worm	1.00	1.50	1.50	2.50	3.20	6.50
29	Hand Chain Guard†.....	.70	.90	.90	1.20	...	...
30	Bottom Hook and Swivel.....	1.70	2.00	2.60	3.50	4.10	5.20
31	Side Plates (2).....	.60	.80	.90	1.30	1.80	4.00
32	Top Hook and Swivel.....	1.70	2.00	2.60	3.50	4.10	5.20
33	Hand Chain Guard†.....	...	...	...	...	1.50	2.00
34	Gland .....	...	...	...	...	2.00	3.00
35	Center Bolt and Washers.....	.30	.40	.50	.55	.60	1.00
36	Thrust Washer .....	.20	.20	.20	.25	.30	.50
..	Hand Chain, Regular Lift.....	4.25	4.25	4.25	4.50	5.00	5.50
..	Load Chain, Regular Lift, with Hook and Swivel.....	7.10	8.56	10.10	11.94	13.97	17.20

†Old Style Hand Chain Guards can be furnished for this model, if desired.

PARTS OF HARRINGTON IMPROVED SCREW HOISTS

1894 PATENT

8,000 to 30,000 Pounds Capacity



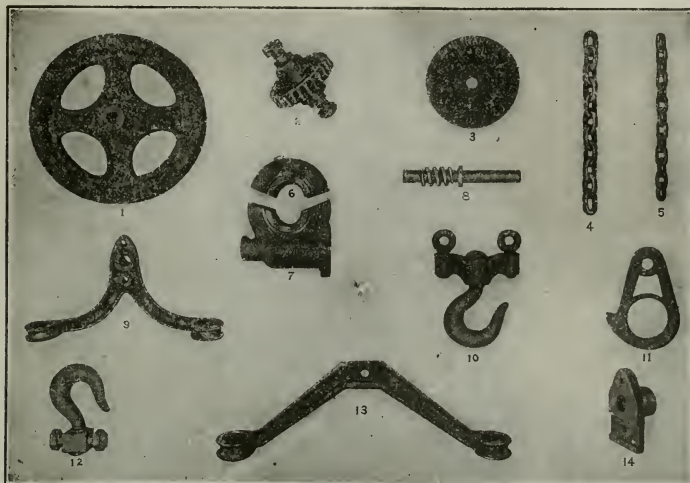
REVISED LIST TO TAKE EFFECT JULY 1, 1909

Prices of Parts of Improved Screw Hoists, Model of 1894

8,000 to 30,000 Pounds Capacity

List No.	Name	8,000	10,000	12,000	16,000	20,000	30,000
21	Hand Wheel	\$ 7.00	\$ 8.00	\$11.50	\$12.00	\$12.00	\$12.00
22	Worm Gear and Hub.....	9.00	16.00	16.50	23.00	23.00	23.00
23	Load Wheels (2).....	8.50	10.50	15.00	18.00	20.00	18.00
24	Hand Chain, per ft.....	.30	.35	.35	.35	.35	.35
25	Load Chain, per ft.....	.55	.75	.90	1.10	1.10	1.10
26	Case and Cap.....	11.00	16.00	16.00	20.00	20.00	20.00
27	Thrust Screw	1.50	2.00	2.00	2.00	2.00	2.00
28	Worm	7.00	12.00	12.00	16.00	16.00	16.00
30	Bottom Hook and Swivel.....	11.00	13.50	19.50	23.00	35.00	44.00
31	Side Plates (2).....	6.00	10.00	10.00	14.00	14.00	30.00
32	Top Hook and Swivel.....	11.00	13.50	19.50	23.00	35.00	44.00
33	Hand Chain Guard.....	3.00	4.00	7.00	8.00	8.00	8.00
34	Gland	3.50	5.00	5.00	6.00	8.00	6.00
35	Center Bolt and Washers.....	1.50	2.50	2.50	3.00	3.00	3.00
36	Thrust Washer .....	.50	1.00	1.00	1.00	1.00	1.00
37	Pinion .....	.....	.....	.....	5.00	7.00	5.00
38	Stud .....	.....	.....	.....	3.00	3.00	3.00
39	Gear .....	.....	.....	.....	5.00	7.00	5.00
45	Lower Idler Wheels (2) .....	.....	.....	.....	.....	.....	10.00
46	Lower Idler Chain Guide .....	.....	.....	.....	.....	.....	4.00
47	Load Chain Guide and Stripper .....	.....	.....	.....	.....	.....	4.00
..	Hand Chain, Regular Lift.....	6.90	9.80	10.15	10.15	10.15	19.60
..	Load Chain, Regular Lift, with Hook	24.20	35.25	45.60	54.90	66.90	110.00

PARTS OF HARRINGTON SCREW HOIST

OLD STYLE
1876 Patent

REVISED LIST TO TAKE EFFECT JULY 1, 1909

Prices of Parts of Old Style Screw Hoist, Model of 1876

List No.	Name	500	1,000	2,000	3,000	4,000	6,000
1	Hand Wheel	\$1.00	\$1.50	\$1.50	\$2.50	\$2.80	\$5.00
2	Worm Gear and Hub.....	3.00	3.20	4.00	5.00	6.00	7.00
3	Load Wheels (2).....	1.60	1.80	2.00	3.00	3.50	6.00
4	Load Chain, per ft.....	.30	.35	.40	.45	.47	.50
5	Hand Chain, per ft.....	.25	.25	.25	.25	.25	.25
6 & 7	Case and Cap.....	1.50	2.00	2.50	4.00	5.50	9.50
8	Worm	1.00	1.50	1.50	2.50	3.20	6.50
9	Hand Chain Guard.....	.70	.90	.90	1.20	...	...
10	Bottom Hook and Swivel.....	1.70	2.00	2.60	3.50	4.10	5.20
11	Side Plates (2).....	.60	.80	.90	1.30	1.80	4.00
12	Top Hook and Swivel.....	1.70	2.00	2.60	3.50	4.10	5.20
13	Hand Chain Guard.....	...	...	...	...	1.50	2.00
14	Gland .....	...	...	...	...	2.00	3.00

List No.	Name	8,000	10,000	12,000	16,000	20,000
1	Hand Wheel	\$ 7.00	\$ 8.00	\$11.50	\$11.50	\$11.50
2	Worm Gear and Hub.....	9.00	16.00	16.00	23.00	23.00
3	Load Wheels (2).....	8.50	10.50	15.00	18.00	24.00
4	Load Chain, per ft.....	.50	.75	.90	1.10	1.10
5	Hand Chain, per ft.....	.30	.35	.35	.35	.35
6 & 7	Case	11.00	16.00	16.00	20.00	20.00
8	Worm	7.00	12.00	12.00	16.00	17.00
9	Hand Chain Guard.....	...	...	...	...	...
10	Bottom Hook and Swivel.....	11.00	13.50	19.50	23.00	35.00
11	Side Plates (2).....	6.00	10.00	10.00	14.00	15.00
12	Top Hook and Swivel.....	11.00	13.50	19.50	23.00	35.00
13	Hand Chain Guard.....	3.00	4.00	7.00	7.00	7.00
14	Gland	3.50	5.00	5.00	5.00	6.00